

**ABSTRACT**

Please add the following abstract:

The invention relates to a process for combustion of a liquid Fischer-Tropsch derived hydrocarbon fuel wherein the following steps are performed:

- (a) obtaining a mixture of liquid hydrocarbon droplets in an oxygen containing gaseous phase;
- (b) evaporating the liquid hydrocarbon droplets in a cool flame at a temperature of between 300 and 480 °C to obtaining a gaseous mixture comprising oxygen and hydrocarbons; and,
- (c) total combustion of the gaseous mixture obtained in step (b).